

ABSTRACT OF THE DISCLOSURE

Disclosed is a method related to the controlling of
5 quality of services of a CDMA-based-System. It is provided an
improved control mechanism for the quality of services in a
CDMA-System, in particular by providing a controlling means
apt to assign the target signal to interference ratio, the
static rate matching factor the power-offset dynamically,
10 especially adapted to be used for UMTS-Systems. Proposed is
a dynamic quality control for adjusting quality of services
of a CDMA-based System transmitting a plurality of different
services between the system and a user equipment by using at
least one data channel (DPDCH) with the services multiplexed
15 and rate matching technique applied and an associated control
channel (DPCCH) wherein parameters representing transmitting
properties concerning the quality of service, advantageously
representing a signal to interference ratio (SIR) for the
control channel (DPCCH), a static rate matching factor (SRF)
20 for each service and a power-offset (G) between the control
channel (DPCCH) and the data channel (DPDCH) are derived for
each service to achieve desired quality of services, during
an installation process based on default quality (1, 2)
requirements and during an operating condition dynamically in
25 dependence of quality estimates (1, 5) performed on each of
that services during data transmission.

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